

A P P E N D I X

B

CSS Reference

This appendix includes CSS property descriptions, sorted both alphabetically and by category. For more detailed information, visit the World Wide Web Consortium Web site at www.w3.org.



ALPHABETICAL CSS PROPERTY REFERENCE

TABLE B-1*Common CSS properties*

| Notation | Definition |
|----------|--|
| <> | Words between angle brackets specify a type of value; for example, <color> enters a color value such as red |
| | A single vertical bar between values means one or the other must occur; for example, scroll fixed means choose scroll or fixed |
| | Two vertical bars separating values means one or the other or both values can occur; for example, <border-width> <border-style> <color> means any or all of the three values can occur |
| [] | Square brackets group parts of the property value together; for example, none [underline overline line-through blink] means the value either is none or one of the values within the square brackets |

TABLE B-2*Complete list of CSS properties*

| Property | Values | Default | Applies To |
|---------------------------------|---|-------------------------------------|-----------------------------------|
| Background (Shorthand property) | <background-color> <background-image> <background-repeat> <background-attachment> <background-position> | No default for shorthand properties | All elements |
| Background-attachment | scroll fixed | Scroll | All elements |
| Background-color | color name or hexadecimal value transparent | Transparent | All elements |
| Background-image | <url> none | None | All elements |
| Background-position | [<percentage> <length>]{1,2} [top center bottom] [left center right] | 0% 0% | Block-level and replaced elements |
| Background-repeat | repeat repeat-x repeat-y no-repeat | Repeat | All elements |
| Border (Shorthand property) | <border-width> <border-style> <color> | No default for shorthand properties | All elements |

TABLE B-2
*Complete list of CSS properties
 (continued)*

| Property | Values | Default | Applies To |
|-----------------------------------|---|-------------------------------------|--------------|
| Border-bottom | <border-bottom-width> <border-style> <color> | No default for shorthand properties | All elements |
| Border-bottom-width | thin medium thick <length> | Medium | All elements |
| Border-color | <color> | Value of the 'color' property | All elements |
| Border-left (Shorthand property) | <border-left-width> <border-style> <color> | No default for Shorthand properties | All elements |
| Border-left-width | thin medium thick <length> | Medium | All elements |
| Border-right (Shorthand property) | <border-right-width> <border-style> <color> | No default for Shorthand properties | All elements |
| Border-right-width | thin medium thick <length> | Medium | All elements |
| Border-style | none dotted dashed solid double groove ridge inset outset | None | All elements |
| Border-top (Shorthand property) | <border-top-width> <border-style> <color> | No default for Shorthand properties | All elements |
| Border-top-width | thin medium thick <length> | Medium | All elements |
| Border-width (Shorthand property) | [thin medium thick <length>] | No default for Shorthand properties | All elements |
| Clear | none left right both | None | All elements |
| Color | <color> | Browser specific | All elements |
| Display | block inline list-item none | Block | All elements |
| Float | left right none | None | All elements |
| Font (Shorthand property) | [<font-style> <font-variant> <font-weight>] <font-size> [/ <line-height>] <font-family> | No default for Shorthand properties | All elements |
| Font-family | Font family name (such as Times or generic family name (such as sans-serif)) | Browser specific | All elements |

TABLE B-2
*Complete list of CSS properties
 (continued)*

| Property | Values | Default | Applies To |
|---------------------------------|---|-------------------------------------|---|
| Font-size | <absolute-size> <relative-size> <length> <percentage> | Medium | All elements |
| Font-style | normal italic oblique | Normal | All elements |
| Font-variant | normal small-caps | Normal | All elements |
| Font-weight | normal bold bolder lighter 100 200 300 400 500 600 700 800 900 | Normal | All elements |
| Height | <length> <percentage> auto | Auto | Block-level and replaced elements |
| Letter-spacing | normal <length> | Normal | All elements |
| Line-height | normal <number> <length> <percentage> | Normal | All elements |
| List-style (Shorthand property) | <keyword> <position> <url> | No default for Shorthand properties | Elements with 'display' value 'list-item' |
| List-style-image | <url> none | None | Elements with 'display' value 'list-item' |
| List-style-position | inside outside | Outside | Elements with 'display' value 'list-item' |
| List-style-type | disc circle square decimal lower-roman upper-roman lower-alpha upper-alpha none | Disc | Elements with 'display' value 'list-item' |
| Margin (Shorthand property) | [<length> <percentage> auto] | No default for Shorthand properties | All elements |
| Margin-bottom | <length> <percentage> auto | 0 | All elements |
| Margin-left | <length> <percentage> auto | 0 | All elements |
| Margin-right | <length> <percentage> auto | 0 | All elements |
| Margin-top | <length> <percentage> auto | 0 | All elements |
| Padding | <length> <percentage> | 0 | All elements |
| Padding-bottom | <length> <percentage> | 0 | All elements |
| Padding-left | <length> <percentage> | 0 | All elements |

TABLE B-2
*Complete list of CSS properties
 (continued)*

| Property | Values | Default | Applies To |
|-----------------|--|------------------|-----------------------------------|
| Padding-right | <length> <percentage> | 0 | All elements |
| Padding-top | <length> <percentage> | 0 | All elements |
| Text-align | left right center justify | Browser specific | Block-level elements |
| Text-decoration | none [underline overline line-through blink] | None | All elements |
| Text-indent | <length> <percentage> | 0 | Block-level elements |
| Text-transform | capitalize uppercase lowercase none | None | All elements |
| Vertical-align | baseline sub super top text-top middle bottom text-bottom <percentage> | Baseline | Inline elements |
| White-space | normal pre nowrap | Normal | Block-level elements |
| Width | <length> <percentage> auto | Auto | Block-level and replaced elements |
| Word-spacing | normal <length> | Normal | All elements |

CSS PROPERTIES BY CATEGORY

FONT AND TEXT PROPERTIES

TABLE B-3
CSS font and text properties

| Property | Values | Default | Applies To |
|---------------------------|---|-------------------------------------|--------------|
| Color | <color> | Browser specific | All elements |
| Font (Shorthand property) | [<font-style> <font-variant> <font-weight>] <font-size> [/ <line-height>] <font-family> | No default for Shorthand properties | All elements |
| Font-family | Font family name (such as Times) or generic family name (such as sans-serif) | Browser specific | All elements |
| Font-size | <absolute-size> <relative-size> <length> <percentage> | Medium | All elements |
| Font-style | normal italic oblique | Normal | All elements |
| Font-variant | normal small-caps | Normal | All elements |

TABLE B-3
CSS font and text properties (continued)

| Property | Values | Default | Applies To |
|-----------------|--|----------|----------------------|
| Font-weight | normal bold bolder lighter 100 200 300 400 500 600 700 800 900 | Normal | All elements |
| Letter-spacing | normal <length> | Normal | All elements |
| Line-height | normal <number> <length> <percentage> | Normal | All elements |
| Text-decoration | none [underline overline line-through blink] | None | All elements |
| Text-indent | <length> <percentage> | 0 | Block-level elements |
| Text-transform | capitalize uppercase lowercase none | None | All elements |
| Vertical-align | baseline sub super top text-top middle bottom text-bottom <percentage> | Baseline | Inline elements |
| Word-spacing | normal <length> | Normal | All elements |

BOX PROPERTIES

TABLE B-4
CSS box properties

| Property | Values | Default | Applies To |
|-----------------------------|---|-------------------------------------|--------------|
| Margin (Shorthand property) | [<length> <percentage> auto] | No default for Shorthand properties | All elements |
| Margin-bottom | <length> <percentage> auto | 0 | All elements |
| Margin-left | <length> <percentage> auto | 0 | All elements |
| Margin-right | <length> <percentage> auto | 0 | All elements |
| Margin-top | <length> <percentage> auto | 0 | All elements |
| Padding | <length> <percentage> | 0 | All elements |
| Padding-bottom | <length> <percentage> | 0 | All elements |
| Padding-left | <length> <percentage> | 0 | All elements |
| Padding-right | <length> <percentage> | 0 | All elements |
| Padding-top | <length> <percentage> | 0 | All elements |
| Border (Shorthand property) | <border-width> <border-style> <color> | No default for Shorthand properties | All elements |

TABLE B-4
*CSS box properties
(continued)*

| Property | Values | Default | Applies To |
|-----------------------------------|---|-------------------------------------|-----------------------------------|
| Border-bottom | <border-bottom-width> <border-style> <color> | No default for Shorthand properties | All elements |
| Border-bottom-width | thin medium thick <length> | Medium | All elements |
| Border-color | <color> | Value of the 'color' property | All elements |
| Border-left (Shorthand property) | <border-left-width> <border-style> <color> | No default for Shorthand properties | All elements |
| Border-left-width | thin medium thick <length> | Medium | All elements |
| Border-right (Shorthand property) | <border-right-width> <border-style> <color> | No default for Shorthand properties | All elements |
| Border-right-width | thin medium thick <length> | Medium | All elements |
| Border-style | none dotted dashed solid double groove ridge inset outset | None | All elements |
| Border-top (Shorthand property) | <border-top-width> <border-style> <color> | No default for Shorthand properties | All elements |
| Border-top-width | thin medium thick <length> | Medium | All elements |
| Border-width (Shorthand property) | [thin medium thick <length>] | No default for Shorthand properties | All elements |
| Clear | none left right both | None | All elements |
| Float | left right none | None | All elements |
| Height | <length> <percentage> auto | Auto | Block-level and replaced elements |
| Width | <length> <percentage> auto | Auto | Block-level and replaced elements |

BACKGROUND PROPERTIES

TABLE B-5
CSS background properties

| Property | Values | Default | Applies To |
|---------------------------------|---|-------------------------------------|-----------------------------------|
| Background (Shorthand property) | <background-color> <background-image> <background-repeat> <background-attachment> <background-position> | No default for Shorthand properties | All elements |
| Background-attachment | scroll fixed | Scroll | All elements |
| Background-color | color name or hexadecimal value transparent | Transparent | All elements |
| Background-image | <url> none | None | All elements |
| Background-position | [<percentage> <length>]{1,2} [top center bottom] [left center right] | 0% 0% | Block-level and replaced elements |
| Background-repeat | repeat repeat-x repeat-y no-repeat | Repeat | All elements |

CLASSIFICATION PROPERTIES

TABLE B-6
CSS classification properties

| Property | Values | Default | Applies To |
|---------------------------------|---|-------------------------------------|---|
| Display | block inline list-item none | Block | All elements |
| List-style (Shorthand property) | <keyword> <position> <url> | No default for Shorthand properties | Elements with 'display' value 'list-item' |
| List-style-image | <url> none | None | Elements with 'display' value 'list-item' |
| List-style-position | inside outside | Outside | Elements with 'display' value 'list-item' |
| List-style-type | disc circle square decimal lower-roman upper-roman lower-alpha upper-alpha none | Disc | Elements with 'display' value 'list-item' |
| White-space | normal pre nowrap | Normal | Block-level elements |

CSS MEASUREMENT UNITS

TABLE B-7
CSS measurement properties

| Unit | Code Abbreviation | Description |
|------------|-------------------|--|
| Centimeter | cm | Standard metric centimeter |
| Em | em | The width of the capital M in the current font, usually the same as the font size |
| Ex | ex | The height of the letter x in the current font |
| Inch | in | Standard U.S. inch |
| Millimeter | mm | Standard metric millimeter |
| Relative | For example: 150% | Sets a font size relative to the base font size; 150% equals one-and-one-half the base font size |
| Pica | pc | Standard publishing unit, equal to 12 points |
| Pixel | px | The size of a pixel on the current display |
| Point | pt | Standard publishing unit; there are 72 points in an inch |